Army Operations Research and Analysis: Advisory Committee Meeting Update

MAJ Mark A. Phillips
FA49 Personnel Proponent Action Officer
16 September 2004

AGENDA

- **Status of UEx/UEy FA 49 Authorizations**
- **Support to deployed analysts (Reachback)**
- **Military to civilian conversion**

Status of UEx/UEy Authorizations

UEx/UEy FA 49 Positions

Why do FA49s need operational experience?

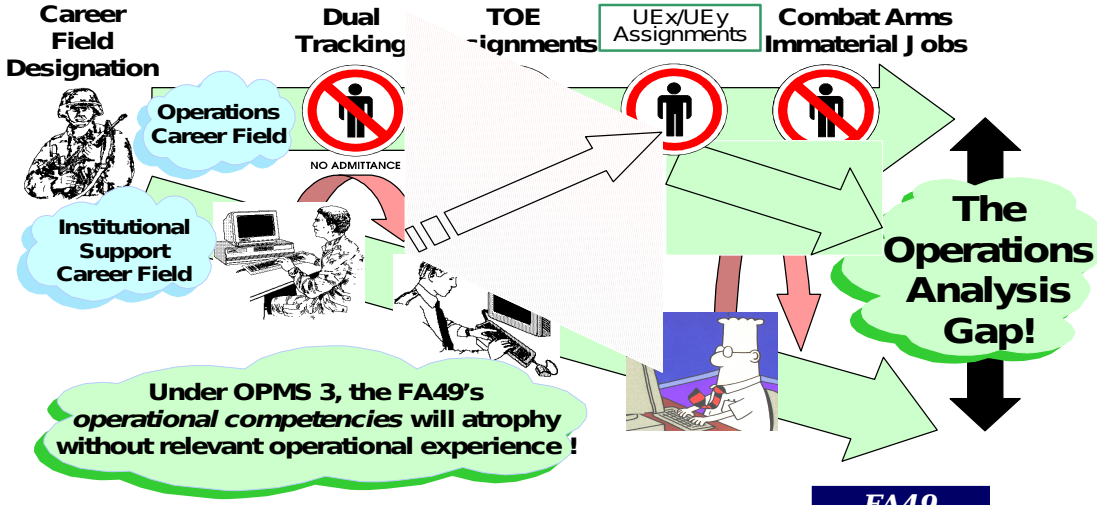
Because the ever increasing complexity of the operational environment.

- *Desert Storm (Kuwait)*
- *Operation Joint Endeavor (Bosnia)*
- *Operation Joint Guard (Kosovo)*
- *Operation Enduring Freedom (Afghanistan)*
- *Operation Iraqi Freedom*

Operationally Relevant

Operationally Proficient

The potential risk if FA49's operational competencies aren't maintained!



UEx/UEy FA 49 Positions

Actions to Date

- Analyst rotation plan
- Corps/Division concept plan
- UEx working group
  - Initial proposal submission
- Initial UEy build
  - Initial proposal submission
- Restart
  - UEy ICT I: build unit with 3rd Army design as foundation: Baseline Design
  - UEy ICT II: Reduce Baseline by 20%: Redux Design
  - UEy Council of Colonels: Compare/contrast UEx and UEy to identify redundant capabilities

UEx/UEy FA 49 Positions

Analytical Cell Concept

- Officers assigned in cells to facilitate opportunity to support commands
with analytical products

- Officers will also still be staff action officers to some extent – we can not
separate ourselves too much from the staff and still expect to be treated as
integral players

- Expect typical analytical duties to be as follows:
  - Provide analysis in the areas of effects assessment, COA analysis, unit movement flow, and related resource optimization/management
  - Apply relevant combat models to inform the deliberate planning process in a division or corps tactical operations center
  - Apply operations research techniques (optimization, statistics, etc.) to assist in the efficient management and use of installation training centers, ranges, and maneuver training

UEx/UEy FA 49 Positions

Analytical Cell Concept

(From Current Force Div & Corps to the Objective Force UEs)

- Submitted concept plan to develop Div/Corps analysis Cells in existing augmentation TDAs supporting AC Div/Corps Hqs
- Projected establishing initial assignments in III Corps and XVIII Airborne C to support 82nd Abn Div, 101st AA Div, 10th Mtn Div, 1st Cav, and 4th ID
- Recently transitioned similar cell concept to UEx and UEy organizations
- Currently one O-4* FA 49 authorization in the UEx force structure

UEy Analysis Cell

1 LTC, FA 49
2 Major, FA 49

Represents Operational Army rotation opportunities for about 10% of field grade spaces.

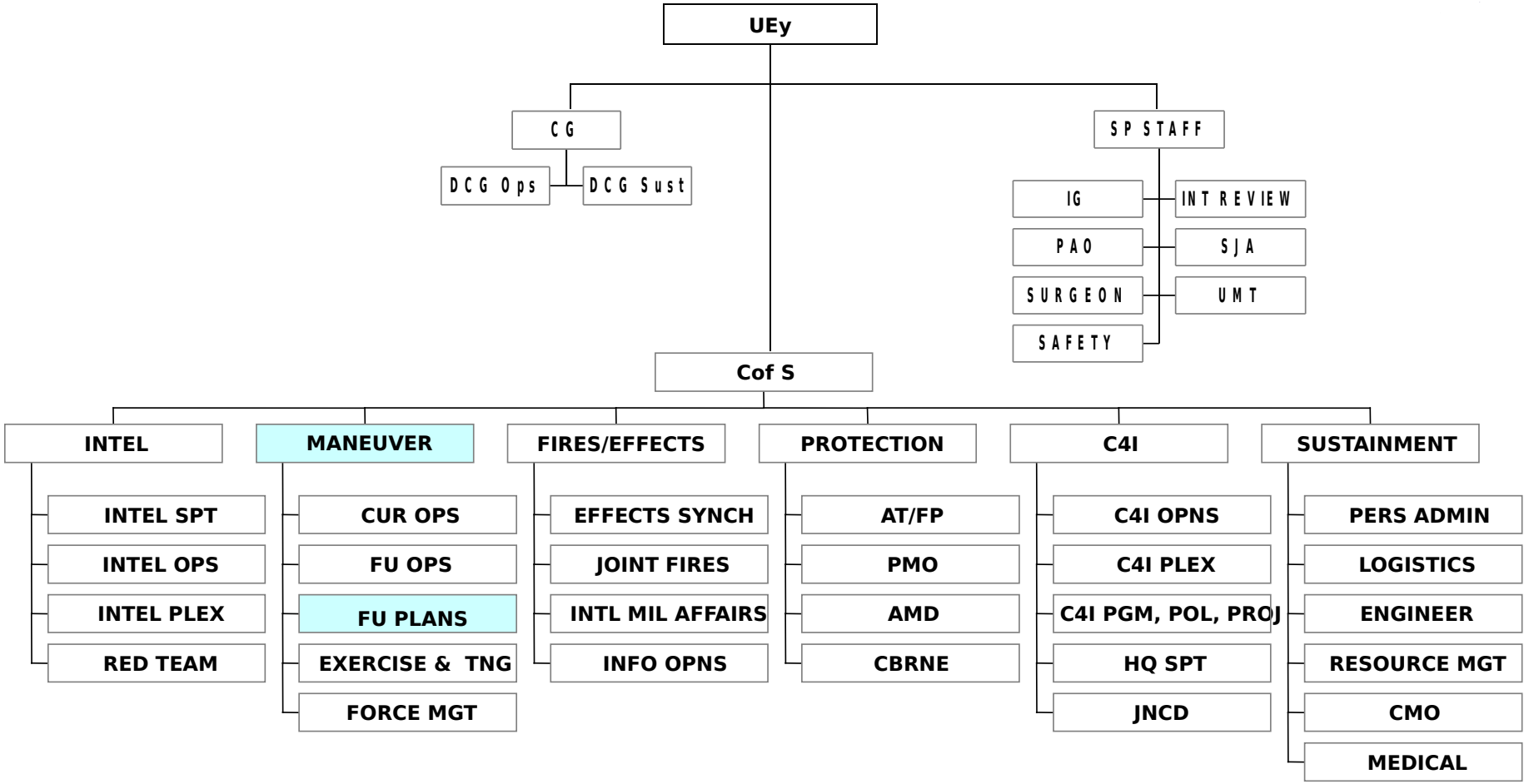
24 mo. assignments with intent of directly focusing analytical support capability to the commander.

UEx Analysis Cell

2 Majors, FA 49

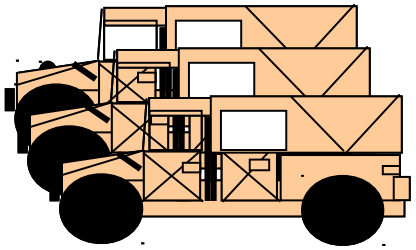
*2nd MAJ Auth approved pending documentation

UEy Organization



Plans Branch/Future Plans Div

F-Staff Dir	F-Staff Div	Position	MOS	Rank	Qty	G-Staff Section	EECP
OM	FUPLANS	CHIEF	59A00	O5	1	G5	
OM	FUPLANS	DEPUTY CHIEF	59A00	O5	1	G5	
OM	FUPLANS	PLANS OFFICER	35D00	O5	1	G5	
OM	FUPLANS	SENIOR MIL ANALYST	49A00	O5	1	G5	
OM	FUPLANS	MIL ANALYST	49A00	O4	2	G5	
OM	FUPLANS	PLANS OFFICER	88A00	O4	1	G5	
OM	FUPLANS	PLANS OFFICER	30A00	O4	1	G5	
OM	FUPLANS	PLANS OFFICER	11A00	O4	1	G5	
OM	FUPLANS	PLANS OFFICER	15B00	O4	1	G5	
OM	FUPLANS	PLANS OFFICER	25A00	O4	1	G5	
OM	FUPLANS	PLANS OFFICER	31A00	O4	1	G5	
OM	FUPLANS	PLANS OFFICER	59A00	O4	2	G5	
OM	FUPLANS	PLANS OFFICER	90A00	O4	1	G5	
OM	FUPLANS	PLANS OFFICER	19A00	O3	1	G5	
OM	FUPLANS	PLANS OFFICER	21A00	O3	1	G5	
OM	FUPLANS	RFF MANAGER**	01A00	O3	1	G5	
OM	FUPLANS	SR OPERATIONS SGT	11B4O	E7	1	G5	
OM	FUPLANS	OPERATIONS SGT	11B3O	E6	2	G5	
OM	FUPLANS	USAF STAFF PLANS OF*		O4	2	JMD	
OM	FUPLANS	USN STAFF PLANS OF*		O4	2	JMD	
OM	FUPLANS	USMC STAFF PLANS OF*		O4	2	JMD/1-JMX	



MAJOR EQUIPMENT:
Speech security equip digital
Scanner
GPS Receiver
DNVT
Radio set: AN/VRC
90F(C)
Trailer cargo
Data transfer device AN/VAS-5

* JMD
** Currently civilian
*** Could be civilianized

UEx/UEy FA 49 Analysis Cell

UEx

OFF	WO	ENL	Total
2	0	0	2

F-Staff Section	F-Staff Sub-Cell	POS	MOS	Rank	QTY	C-Staff Section	C-Staff Sub-Cell
G5	FU Plans	Military Analyst	49A00	O4	2	G5	Plans Branch

FA49 Analysis Cell

Major Equipment:
MCS-Laptop
Analytical Software

UEy

OFF	WO	ENL	Total
3	0	0	3

F-Staff Section	F-Staff Sub-Cell	POS	MOS	Rank	QTY	C-Staff Section	C-Staff Sub-Cell
OM	FU Plans	Senior Mil Analyst	49A00	O5	1	C3	Plans Branch
OM	FU Plans	Military Analyst	49A00	O4	2	C3	Plans Branch

Functions:

- **Create, evaluate and report critical measures of effectiveness to objectively assess campaign plan progress**
- **Develop detailed analysis plans that enable commander to employ analysis cells' unique skills, training and cutting edge technologies to quantitatively and qualitatively evaluate and solve complex problems**
- **Create, refine and manage multi-functional databases and develop the data collection-tools and techniques that support them**
- **Provide a liaison between the combatant commander and Army analytical agencies to provide full analytical, modeling and simulation capabilities**
- **Assist staff elements in creating data gathering, tracking and synthesis procedures**
- **Apply relevant models to inform the deliberate planning process of the future plans division**
- **Enable the commander to focus resources and assets through analyses of items such as force flow, queuing, forecasting, courses of action, trends, event probability/prediction**
- **Produce and present analytical products to assist the commander in operational decision-**

UEx and UEy Positions

Way Ahead

- CSA final brief for UEy and revised UEx designs 27 Sep 04
- Education
  - Commanders/Staffs
  - ORSA Community
- Concept Plan
  - Reachback
  - Doctrine/TTP
    - Deployed Analyst Workshop

Reachback

Reachback

Analysis Agency Support Approach

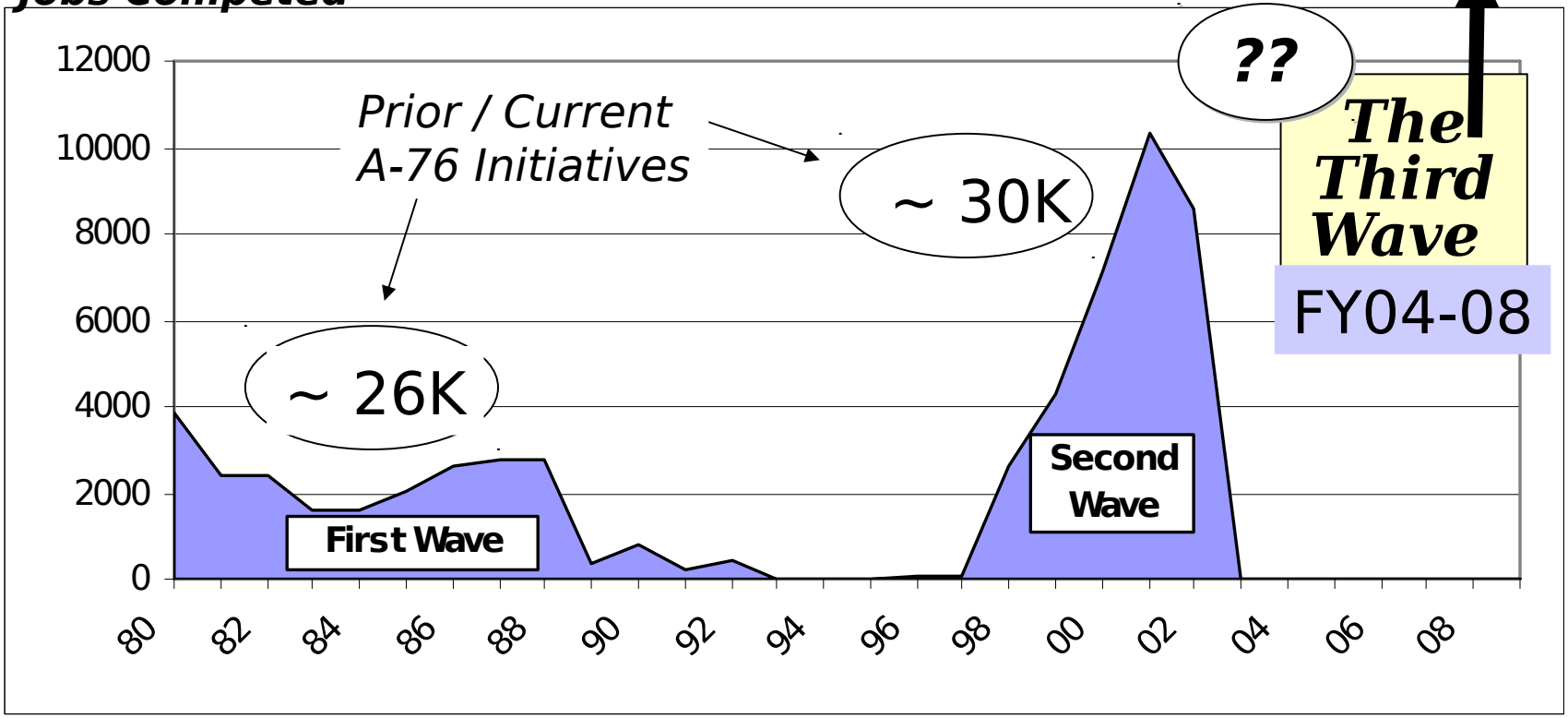
- Major analytical agencies serve as POCs for assigned/deployed analyst cells
  - UEy-CAA
  - UEx-TRAC
- Additional agencies coordinated by UEx/UEy POCs as needed
  - Identification/organization prior to need is critical
- UEx/UEy support organizations identify and resource agency POCs

MIL-CIV Conversion

MIL-CIV Conversion

- Support President's Management Agenda
- Meet OSD Commitment (~77K)
- Free Resources for War on Terrorism
- Focus on Core Functions

214K-Potentially "non-core"
77K- Initial Target
49K- Adjusted target



The Army must focus its energies and talents on our core competencies—functions we perform better than anyone else—and seek to obtain other needed products or services from the private sector where it makes sense." *-SecArmy Thomas White*

MIL-CIV Conversion

- FA 49 currently slated to convert 39 military authorizations between now and end of FY05:

FA49 Position Conversions

	Auths Conv	Filled
LTC	10	7
MAJ	12	4
CPT	17	1